

Title (en)
LONG CONNECTION MANAGEMENT APPARATUS AND LINK RESOURCE MANAGEMENT METHOD FOR LONG CONNECTION COMMUNICATION

Title (de)
VORRICHTUNG ZUR VERWALTUNG EINER LANGEN VERBINDUNG UND VERKNÜPFUNGSRESSOURCEN-VERWALTUNGSVERFAHREN FÜR EINE KOMMUNIKATION MIT EINER LANGEN VERBINDUNG

Title (fr)
APPAREIL DE GESTION DE CONNEXIONS LONGUES ET PROCÉDÉ DE GESTION DE RESSOURCES DE LIAISON POUR LA COMMUNICATION À CONNEXIONS LONGUES

Publication
EP 2563062 A4 20161221 (EN)

Application
EP 11819284 A 20110125

Priority
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• CN 2011070601 W 20110125

Abstract (en)
[origin: EP2563062A1] The present invention discloses a long connection management apparatus and a link resource management method for long connection communication, belonging to the technical field of wireless link resource management. The long connection management apparatus establishes a corresponding connection pool by taking [domain name/IP address: port] as a keyword according to the history record of HTTP communication, and configures the number of idle long connections and busy long connections in the connection pool according to the frequency of accessing a WAP website identified by [domain name/IP address: port]; when it needs to establish a link between WAP gateway and WAP website, the long connection management apparatus searches for the corresponding connection pool according to [domain name/IP address: port] of the access request, and if the corresponding connection pool is searched out, it allocates an idle long connection to the access request in the connection pool and informs the HTTP module to use the allocated idle long connection to establish a link to perform HTTP communication with the WAP website identified by [domain name/IP address: port].

IPC 8 full level
H04W 76/02 (2009.01); **H04L 29/06** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP US)
H04L 67/02 (2013.01 - EP); **H04L 67/04** (2013.01 - EP); **H04L 67/141** (2013.01 - EP); **H04L 69/28** (2013.01 - EP); **H04W 76/12** (2018.01 - EP US)

Citation (search report)
• [A] US 7490162 B1 20090210 - MASTERS RICHARD RODERICK [US]
• [A] US 2004205208 A1 20041014 - KOPONEN JUHA [FI], et al
• [A] US 2005044270 A1 20050224 - GROVE ADAM J [US], et al
• See references of WO 2012024909A1

Cited by
CN110225092A; CN108833149A; CN115086425A

Designated contracting state (EPC)
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DOCDB simple family (application)
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